INTERNATIONALSEARCHREPORT

International application No.

PCT/JP2004/016798

A. CLASSIFICATIONOF SUBJECT MATTER					
Int.Cl' G09F9/30,H05B33/10,H05B33/14,H01L29/786,H01L21/768,H01L21/288,H01L27/088					
According to International Patent Classification (IPC) or to both national classification and IPC					
	DS SEARCHED .				
	cumentation searched (classification system followed by	• •			
Int.Cl ⁷ G09F9/30,H05B33/10-33/28,H01L29/786,H01L21/768,H01L21/288,H01L27/088					
Documentati	on searched other than minimum documentation to the	extent that such documents are included in the	he fields searched		
· Applicati	Utility Model Gazette 1922-1996, Japane ons 1971-2005, Japanese Registered Util ng the Utility Model 1996-2005	se Publication of Unexamined Uti ity Model Gazette 1994-2005, J	lity Model apanese Gazette		
Electronic da	ta base consulted during the international search (name	of data base and, where practicable, search te	rms used)		
		:			
	·				
C. DOCUI	MENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.		
Y	JP 2003-050405 A (MATSUSHI	TA ELECTRIC			
	INDUSTRIAL Co., LTD.) 2003				
	paragraph [0078]-[0088], f	igure 14,15	1,3,5,6,8,10		
			-14,16,18,19 ,21,23-25		
	paragraph [0062]-[0068],[0	078]-[0079], figure	2,4,5,7,9-		
;	1,14		13,15,17,18,		
	& US 2002/056838 A1 & EP	1209748 A1	20,22-25		
	& CN 1353329 A	1205/40 RI			
. :	TD 0000 050055 - /	,			
Y	JP 2003-058077 A (FUJI PHO 2003.02.28	TO FILM CO., LTD.)	1-25		
	whole document				
	(family:none)				
		·			
√ Furthe	r documents are listed in the continuation of Box C.	See patent family annex.			
* Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to					
considered to be of particular relevance understand the principle or theory underlying the invention					
national filing date "L" document which may throw doubts on priority claim(s) or which "L" document which may throw doubts on priority claim(s) or which					
is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is					
"O" document referring to an oral disclosure, use, exhibition or other means combined with one or more other such documents, such combination being obvious to a person skilled in the art					
than the priority date claimed & document memoer of the same patent family					
Date of the actual completion of the international search Date of mailing of the international search report					
03.02.2005					
Name and ma	ailing address of the ISA/JP	Authorized officer	225 0004		
Japan Patent Office		Hajime Kitagawa	2M 9804		
3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan		Telephone No. +81-3-3581-1101 Ex	xt 3274		

INTERNATIONALSEARCHREPORT

International application No. PCT/JP2004/016798

Y JP 2001-196590 A (SEMICONDUCTOR ENERGY LABORATORY CO., LTD.) 2001.07.19 paragraph [0013], [0029]-[0032] (Family:none)	Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
paragraph [0013], [0029] - [0032] (Family:none)		JP 2001-196590 A (SEMICONDUCTOR ENERGY LABORATORY CO., LTD.) 2001.07.19	•
		paragraph [0013],[0029]-[0032] (Family:none)	
			,
	· .		
		'	
į į			